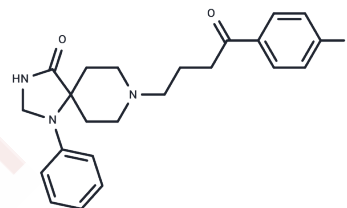


Spiperone

Chemical Properties

CAS No. : 749-02-0
 Formula: C₂₃H₂₆FN₃O₂
 Molecular Weight: 395.47
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Spiperone (Spiropitan) is a spiro butyrophenone analog similar to HALOPERIDOL and other related compounds. It has been recommended in the treatment of SCHIZOPHRENIA.
Targets(IC ₅₀)	Dopamine Receptor

Solubility Information

Solubility	DMSO: 25 mg/mL (63.22 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5286 mL	12.6432 mL	25.2864 mL
5 mM	0.5057 mL	2.5286 mL	5.0573 mL
10 mM	0.2529 mL	1.2643 mL	2.5286 mL
50 mM	0.0506 mL	0.2529 mL	0.5057 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Zheng LT, et al.J Neurochem. 2008 Dec;107(5):1225-35.

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